

Notice of Allowability

Application No.

10/003,957

Examiner

Qamrun Nahar

Applicant(s)

CLARKE ET AL.

Art Unit

2191

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the RCE filed on 03/23/2006.
2. ☒ The allowed claim(s) is/are 1-19.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

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1. This action is in response to the RCE filed on 03/23/2006.
2. The rejection under 35 U.S.C. 102(b) as being anticipated by Date et al., CCA Guide to SQL/DS" Addison Wesley Publishing company", 1989 (hereinafter Date) to claims 1-9 and 11-18 is withdrawn in view of applicant's amendment and remarks/arguments.
3. The rejection under 35 U.S.C. 103(a) as being unpatentable over Date in view of Wanger, US Patent No. 5,742,845 (hereinafter Wanger) to claims 10 and 19 is withdrawn in view of applicant's amendment and remarks/arguments.
4. Claims 1, 16, 17 and 18 have been amended.
5. Claims 1-19 are pending.
6. Claims 1-19 are allowed.

EXAMINER'S AMENDMENT

7. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Robert W. Mueller (Reg. No. 35,043) on June 8, 2006.

The application has been amended as follows:

In the Claims:

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Please amend claims 1, 17 and 18 as follows:

1. (Currently amended) A system for dynamic content resolution comprising:

one or more central processing units (CPUs) and one or more memories;

one or more source program files;

one or more insert statements inserted into the source program file, the insert statement comprising at least one logical condition statement containing at least one ~~control~~ content source indicator and at least one state statement containing at least one ~~control~~ content source indicator;

an insert statement parser that determines a state of the at least one logical condition statement, selects ~~one of the~~ at least one state ~~statements~~ statement associated with the state of the at least one logical condition statement, and parses the selected state statement into one or more content source indicators;

a content source identification process that determines content source types and one or more access instructions from the one or more of the content source indicators;

a content source access process that accesses from the access instructions a content source object having content; and

a content insertion process that replaces the insert statement with the content accessed from the content source object referred to by the one or more content source indicators in the source program file.

Claim 17 (Currently amended),

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At line 2, after “:” insert one or more central processing units (CPUs) and one or more memories;.

Claim 18 (Currently amended),

At line 3, before “identifying” insert code for.

At line 6, before “determining” insert code for.

At line 7, before “selecting” insert code for.

At line 9, before “parsing” insert code for.

At line 10, before “determining” insert code for.

At line 13, before “accessing” insert code for.

At line 15, before “replacing” insert code for.

- END -

REASONS FOR ALLOWANCE

8. The following is an examiner’s statement of reasons for allowance:

The cited prior art taken alone or in combination fail to teach, in combination with the other claimed limitations, an insert statement parser that determines a state of the at least one logical condition statement, selects the at least one state statement associated with the state of the at least one logical condition statement, and parses the selected state statement into one or more content source indicators; a content source identification process that determines content source types and one or more access instructions from the one or more of the content source indicators; a content source access process that accesses from the access instructions a content source object having content; and a content insertion process that replaces the insert statement with the content accessed from the content source object referred to by the one or more content source indicators in the source program file as substantially recited in independent claims 1 and 16-19; and further fail to teach an insert statement parser that determines a state of the logical condition statement, selects one of the state statements associated with the state, and parses the selected state statement into one or more content source indicators, and creates an insert statement context that tracks a path connecting the nested insert statements; a content source identification process that uses one or more of the content source indicators to determine a content source type and one or more access instructions; a content source access process that uses the access instructions to access a content source object, the content source object having content; and a content insertion process that replaces the insert statement with the content accessed from the content source object referred to by the indicators in the source program file as recited in independent claim 14.

The closest cited prior arts, the combination of Date and Wanger teaches a system for dynamic content resolution. However, the combination of Date and Wanger fails to teach an insert statement parser that determines a state of the at least one logical condition statement,

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selects the at least one state statement associated with the state of the at least one logical condition statement, and parses the selected state statement into one or more content source indicators; a content source identification process that determines content source types and one or more access instructions from the one or more of the content source indicators; a content source access process that accesses from the access instructions a content source object having content; and a content insertion process that replaces the insert statement with the content accessed from the content source object referred to by the one or more content source indicators in the source program file as substantially recited in independent claims 1 and 16-19; and further fail to teach an insert statement parser that determines a state of the logical condition statement, selects one of the state statements associated with the state, and parses the selected state statement into one or more content source indicators, and creates an insert statement context that tracks a path connecting the nested insert statements; a content source identification process that uses one or more of the content source indicators to determine a content source type and one or more access instructions; a content source access process that uses the access instructions to access a content source object, the content source object having content; and a content insertion process that replaces the insert statement with the content accessed from the content source object referred to by the indicators in the source program file as recited in independent claim 14; and as pointed out by the applicant's remarks/arguments on pg. 10, par. 4 to pg. 11, par. 1.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

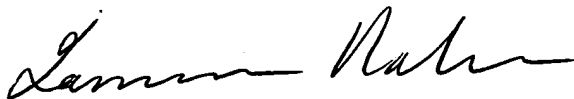
Conclusion

9. Any inquiry concerning this communication from the examiner should be directed to Qamrun Nahar whose telephone number is (571) 272-3730. The examiner can normally be reached on Mondays through Fridays from 9:30 AM to 6:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Wei Y Zhen, can be reached on (571) 272-3708. The fax phone number for the organization where this application or processing is assigned is (571) 273-8300.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the TC 2100 Group receptionist whose telephone number is 571-272-2100.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Qamrun Nahar
June 9, 2006



WEI ZHEN
SUPERVISORY PATENT EXAMINER